

## PENDING CLAIMS

The claims are presented for the Examiner's convenience. No amendments to the claims are made at this time.

1. **(Previously presented)** An injection apparatus, comprising:  
a cylinder holder that comprises a flange insertion groove; and  
a syringe barrel, comprising a flange adapted to be held by said flange insertion groove so as to fix the syringe barrel, said flange having a front surface and a rear surface, wherein at least one of the front surface and the rear surface of the flange is roughened, and wherein the cross section of the roughened surface has a roughness of about No. 20 to 1500 as expressed in terms of count of sand paper.
2. **(Canceled)**
3. **(Previously presented)** The injection apparatus according to Claim 1, wherein the front surface of the flange is roughened.
- 4-8. **(Canceled)**
9. **(Previously presented)** An injection apparatus according to Claim 1 or Claim 3, further comprising:  
a syringe comprising a said syringe barrel; and  
a chemical solution filled in the syringe.
10. **(Previously presented)** The injection apparatus of Claim 1, wherein at least one of the front surface and the rear surface is randomly roughened.
11. **(Cancelled)**
12. **(Previously presented)** The injection apparatus of Claim 1, wherein the roughness is regularly patterned roughness.
13. **(Previously presented)** The injection apparatus of Claim 12, wherein the roughness has a convex-concave pitch.